

CW



PCT10

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,809

DATE: 06/04/2002

TIME: 15:21:20

Input Set : A:\Alg-501.app

Output Set: N:\CRF3\06042002\J009809.raw

ENTERED

3 <110> APPLICANT: Eisenberg, Ronit  
 4 Raz, Tamar  
 6 <120> TITLE OF INVENTION: Novel Anti-Allergic Agents  
 8 <130> FILE REFERENCE: 24025-501 NATL  
 10 <140> CURRENT APPLICATION NUMBER: 10/009,809  
 C--> 11 <141> CURRENT FILING DATE: 2002-04-26  
 13 <150> PRIOR APPLICATION NUMBER: PCT/IL00/00346  
 14 <151> PRIOR FILING DATE: 2000-06-14  
 16 <150> PRIOR APPLICATION NUMBER: IL 130526  
 17 <151> PRIOR FILING DATE: 1999-06-17  
 19 <160> NUMBER OF SEQ ID NOS: 21  
 21 <170> SOFTWARE: PatentIn Ver. 2.1  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 10  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Homo sapiens  
 28 <400> SEQUENCE: 1  
 29 Lys Asn Asn Leu Lys Glu Cys Gly Leu Tyr  
 30 1 5 10  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 10  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Homo sapiens  
 38 <400> SEQUENCE: 2  
 39 Lys Asn Asn Leu Lys Asp Cys Gly Leu Phe  
 40 1 5 10  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 16  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: Homo sapiens  
 48 <400> SEQUENCE: 3  
 49 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Ala Pro  
 50 1 5 10 15  
 53 <210> SEQ ID NO: 4  
 54 <211> LENGTH: 15  
 55 <212> TYPE: PRT  
 56 <213> ORGANISM: Homo sapiens  
 58 <400> SEQUENCE: 4  
 59 Val Thr Val Leu Ala Leu Gly Ala Leu Ala Gly Val Gly Val Gly  
 60 1 5 10 15  
 63 <210> SEQ ID NO: 5  
 64 <211> LENGTH: 16  
 65 <212> TYPE: PRT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,809

DATE: 06/04/2002

TIME: 15:21:20

Input Set : A:\Alg-501.app

Output Set: N:\CRF3\06042002\J009809.raw

```

66 <213> ORGANISM: Drosophila acanthoptera
68 <400> SEQUENCE: 5
69 Arg Gln Pro Lys Ile Trp Phe Pro Asn Arg Arg Lys Pro Trp Lys Lys
70 1 5 10 15
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 25
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
80 Peptide
82 <400> SEQUENCE: 6
83 Val Thr Val Leu Ala Leu Gly Ala Leu Ala Gly Val Gly Val Gly Lys
84 1 5 10 15
86 Asn Asn Leu Lys Glu Cys Gly Leu Tyr
87 20 25
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 26
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
97 Peptide
99 <400> SEQUENCE: 7
100 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
101 1 5 10 15
103 Lys Asn Asn Leu Lys Glu Cys Gly Leu Tyr
104 20 25
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 26
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
114 Peptide
116 <220> FEATURE:
117 <221> NAME/KEY: VARIANT
118 <222> LOCATION: (1)..(26)
119 <223> OTHER INFORMATION: N-terminal amino acid is succunylated
121 <400> SEQUENCE: 8
122 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
123 1 5 10 15
125 Lys Asn Asn Leu Lys Glu Cys Gly Leu Tyr
126 20 25
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 26
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:

```

## RAW SEQUENCE LISTING

DATE: 06/04/2002

PATENT APPLICATION: US/10/009,809

TIME: 15:21:20

Input Set : A:\Alg-501.app

Output Set: N:\CRF3\06042002\J009809.raw

```

135 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
136     Peptide
138 <220> FEATURE:
139 <221> NAME/KEY: VARIANT
140 <222> LOCATION: (7)
141 <223> OTHER INFORMATION: A bond exists between the side chain of Lys and
142     the C-terminus of the peptide.
144 <400> SEQUENCE: 9
145 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
146   1           5           10           15
148 Lys Asn Asn Leu Lys Glu Cys Gly Leu Tyr
149           20           25
152 <210> SEQ ID NO: 10
153 <211> LENGTH: 26
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
159     Peptide
161 <400> SEQUENCE: 10
162 Arg Gln Pro Lys Ile Trp Phe Pro Asn Arg Arg Lys Pro Trp Lys Lys
163   1           5           10           15
165 Lys Asn Asn Leu Lys Glu Cys Gly Leu Tyr
166           20           25
169 <210> SEQ ID NO: 11
170 <211> LENGTH: 25
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
176     Peptide
178 <400> SEQUENCE: 11
179 Val Thr Val Leu Ala Leu Gly Ala Leu Ala Gly Val Gly Val Gly Lys
180   1           5           10           15
182 Glu Asn Leu Lys Asp Cys Gly Leu Phe
183           20           25
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 26
188 <212> TYPE: PRT
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
193     Peptide
195 <400> SEQUENCE: 12
196 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
197   1           5           10           15
199 Lys Glu Asn Leu Lys Asp Cys Gly Leu Phe
200           20           25
203 <210> SEQ ID NO: 13

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,809

DATE: 06/04/2002

TIME: 15:21:20

Input Set : A:\Alg-501.app

Output Set: N:\CRF3\06042002\J009809.raw

```

204 <211> LENGTH: 26
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
210 Peptide
212 <400> SEQUENCE: 13
213 Arg Gln Pro Lys Ile Trp Phe Pro Asn Arg Arg Lys Pro Trp Lys Lys
214 1 5 10 15
216 Lys Glu Asn Leu Lys Asp Cys Gly Leu Phe
217 20 25
220 <210> SEQ ID NO: 14
221 <211> LENGTH: 26
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
227 Peptide
229 <400> SEQUENCE: 14
230 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
231 1 5 10 15
233 Lys Asn Asn Leu Lys Asp Cys Gly Leu Phe
234 20 25
237 <210> SEQ ID NO: 15
238 <211> LENGTH: 26
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
244 Peptide
246 <220> FEATURE:
247 <221> NAME/KEY: VARIANT
248 <222> LOCATION: (1)..(26)
249 <223> OTHER INFORMATION: N-terminal amino acid is succunylated
251 <400> SEQUENCE: 15
252 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
253 1 5 10 15
255 Lys Glu Asn Leu Lys Asp Cys Gly Leu Phe
256 20 25
259 <210> SEQ ID NO: 16
260 <211> LENGTH: 27
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
266 Peptide
268 <400> SEQUENCE: 16
269 Lys Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala
270 1 5 10 15

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,809

DATE: 06/04/2002

TIME: 15:21:20

Input Set : A:\Alg-501.app

Output Set: N:\CRF3\06042002\J009809.raw

```

272 Pro Lys Asn Asn Leu Lys Asp Cys Gly Leu Phe
273           20           25
276 <210> SEQ ID NO: 17
277 <211> LENGTH: 27
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
283 Peptide
285 <400> SEQUENCE: 17
286 Lys Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala
287   1           5           10           15
289 Pro Lys Asn Asn Leu Lys Glu Cys Gly Leu Tyr
290           20           25
293 <210> SEQ ID NO: 18
294 <211> LENGTH: 23
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
300 Peptide
302 <400> SEQUENCE: 18
303 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
304   1           5           10           15
306 Leu Lys Glu Cys Gly Leu Tyr
307           20
310 <210> SEQ ID NO: 19
311 <211> LENGTH: 23
312 <212> TYPE: PRT
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
317 Peptide
319 <400> SEQUENCE: 19
320 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
321   1           5           10           15
323 Leu Lys Asp Cys Gly Leu Phe
324           20
327 <210> SEQ ID NO: 20
328 <211> LENGTH: 26
329 <212> TYPE: PRT
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
334 Peptide
336 <400> SEQUENCE: 20
337 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
338   1           5           10           15
340 Lys Asn Asn Leu Lys Glu Ser Gly Leu Tyr

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/009,809

DATE: 06/04/2002

TIME: 15:21:21

Input Set : A:\Alg-501.app

Output Set: N:\CRF3\06042002\J009809.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date